



Sent via Electronic Mail

Mr. Matthew J. Ohl
USEPA Region 5
77 West Jackson Boulevard, Mail Code: SR06J
Chicago, Illinois 60604-3590

**RE: MONTHLY PROGRESS REPORT – JANUARY 2019
ENVIRO-CHEM SUPERFUND SITE, ZIONSVILLE, INDIANA**

Dear Mr. Ohl:

February 11, 2019

This progress report has been prepared by Ramboll US Corporation (Ramboll) on behalf of the Enviro-Chem (ECC) Site Trust (the Trust) pursuant to the Consent Decree for the ECC Superfund Site (the Consent Decree). The ECC Site is located in Zionsville, Indiana (the Site). This monthly progress report includes activities conducted during January 2019.

Ramboll
One Indiana Square
Suite 2335
Indianapolis, IN 46204
USA

I. Activities Conducted During Reporting Month

The following activities occurred during the month:

- The water collection system operated throughout the month except on January 20 and 31. Please see Section III for more detail related to the downtime.
- On January 31, responses to comments received from USACE via USEPA on November 15 pertaining to Eastern Boundary Monitoring in the Upper Till were submitted to USEPA.
- On January 31, responses to comments received from USEPA on November 15 pertaining to proposed revisions to the Supplemental Sampling Work Plan for investigation outside the southern boundary were submitted to USEPA.
- An evaluation of revisions proposed by USACE to the Cap Extension with Drainage Improvements Plan, Revision 1 continued.

T +1 317 423 8710
F +1 317 423 8720
www.ramboll.com

II. Data Generated During the Reporting Month

The following data were gathered during the reporting period:

- Daily flow readings and precipitation data for the month are provided in Table 1 in Attachment 1.
- The total volume of water pumped from the PRGS Manhole to Tank 4 for the month was 150,640 gallons.

III. Developments/Difficulties During the Reporting Month

The water collection system did not operate on January 20 and 31 due to false high-level readings in Tank 4 during very cold weather. The treatment system controls are set to shut down the PRGS Manhole pump when high-levels are present in Tank 4 in order to prevent potential overflow of the tank. During cold weather, the level alarm instrument is prone to recording false high-level readings when the surface of the water in the tank freezes over. Following both of the shutdown days, the PRGS Manhole pump was restarted as soon as the instrument's readings returned to normal.

IV. Activities Anticipated for Next Reporting Month

The following activities are scheduled or anticipated for the coming month:

- Work will continue to address USEPA's comments and proposed drainage revisions on the Cap Extension with Drainage Improvements Plan, Revision 1.
- Data validation is expected to be completed for the December 2018 surface and subsurface sampling data.
- Perimeter fence repairs will be conducted pending contractor availability and favorable weather conditions.

Please do not hesitate to contact me if you have any questions concerning this progress report.

Sincerely,

Ramboll US Corporation

**Andrew A. Gremos, LPG, CHMM**

Project Coordinator

D 317.803.4605

agremos@ramboll.com

cc: Thomas Krueger – USEPA Region 5
Kari Meier, PhD – USACE
Mark Nichter – USACE
Douglas Petroff – IDEM
Norman W. Bernstein – Trustee
Peter M. Racher – Trustee
Gary Wealthall – Geosyntec Consultants

Attachment



ATTACHMENT 1

Daily Precipitation and PRGS Manhole Flow Data – January 2019

TABLE 1
Daily Precipitation and PRGS Manhole Flow
Enviro-Chem Superfund Site
Zionsville, Indiana

Date	Total Daily Precipitation (inches)	Total Daily Flow (gallons)	Cumulative Flow (gallons)
1/1/2019	0.00	20,570	20,570
1/2/2019	0.00	5,500	26,070
1/3/2019	0.00	3,170	29,240
1/4/2019	0.00	2,890	32,130
1/5/2019	0.00	2,590	34,720
1/6/2019	0.00	1,800	36,520
1/7/2019	0.04	2,230	38,750
1/8/2019	0.00	1,730	40,480
1/9/2019	0.00	1,660	42,140
1/10/2019	0.00	1,520	43,660
1/11/2019	0.00	1,510	45,170
1/12/2019	0.11	1,480	46,650
1/13/2019	0.00	1,480	48,130
1/14/2019	0.00	1,440	49,570
1/15/2019	0.00	1,440	51,010
1/16/2019	0.03	1,420	52,430
1/17/2019	0.18	1,800	54,230
1/18/2019	0.00	5,000	59,230
1/19/2019	0.37	7,480	66,710
1/20/2019	0.00	0	66,710
1/21/2019	0.00	400	67,110
1/22/2019	0.00	14,890	82,000
1/23/2019	1.58	28,820	110,820
1/24/2019	0.00	15,340	126,160
1/25/2019	0.00	13,060	139,220
1/26/2019	0.00	2,810	142,030
1/27/2019	0.00	2,710	144,740
1/28/2019	0.10	2,060	146,800
1/29/2019	0.00	2,170	148,970
1/30/2019	0.00	1,670	150,640
1/31/2019	0.00	0	150,640

Total **2.41**

Notes: On January 20 and 31, the PRGS Manhole pump was shut down due to a false high level alarm in Tank 4 caused by icy conditions.